

Docket No. 264681US0X PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kai SCHUMACHER, et al

SERIAL NO: 10/524,037 ✓

FILED: February 9, 2005

FOR: SILICON DIOXIDE DISPERSION



GAU:

EXAMINER:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
264681US0X PCTSERIAL NO.  
10/524,037

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Kai SCHUMACHER, et al.FILING DATE  
February 9, 2005

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2004/0253164	12/16/04	MANGOLD et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2 152 903	07/20/00	RU (English abstract only)		NO
	AP	0 850 876	07/01/98	EP (with English abstract & equivalent of US 6328944)		NO
	AO	0 272 904	06/29/88	EP		NO
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	HUMBERT, B. "Estimation of hydroxyl density at the surface of pyrogenic silicas by complementary NMR and Raman experiments", Journal of Non-Crystalline Solids, vol. 191, pages 29-37, XP004076467 1995				
	AX	CLARK-MONKS, Colin et al. "The Characterization of Anomalous Adsorption Sites on Silica Surfaces", Journal of Colloid and Interface Science, vol. 44, no. 1, pages 37-49, XP008024718 1973				
	AY					
	AZ				<input type="checkbox"/> Additional References sheet(s) attached	

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>
265981US0X	11/055,605	02/11/05		SCHUMACHER, et al.
264681US0XPCT*	10/524,037	02/09/05		SCHUMACHER, et al.
268418US0XPCT	10/530,284	04/05/05		MOERTERS, et al.
268419US0XPCT	10/530,491	04/06/05		MOERTERS, et al.
252535US0X	10/863,348	06/09/04	US2004/0253164A1	MANGOLD, et al.
268402US0X	11/084,022	03/21/05		SCHUMACHER, et al.
268403US0X	11/084,170	03/21/05		SCHUMACHER, et al.
268546US0X	11/085,151	03/22/05		SCHUMACHER, et al.

\*Present Application; listed for information  
NFO/kch/hah